

**REMARKS**

After the foregoing Amendment, claims 1, 25 and 38 are pending in this application. Claims 12-14, 36, 37, 49 and 50 have been canceled without prejudice or disclaimer. Claims 1, 25 and 38 have been amended to incorporate subject matter deemed allowable by the Examiner. The Applicants submit that no new matter has been added by the Amendment.

The Examiner is thanked for indicating that claims 13, 37 and 50 include allowable subject matter. A correction has been made to the incorporated subject matter, whereby a digital gain control circuit is recited, rather than an analog to digital (ADC) gain control circuit to more closely agree with the terminology disclosed in paragraphs [0028]-[0030] of the specification and in Figure 1 of the instant application, where digital gain control circuits 170 and 175 are disclosed that comprise analog to digital converters (ADCs) 215A and 215B, respectively.

Claim 1 has been amended to incorporate the allowable subject matter of claim 13 and intervening claim 12.

Claim 25 has been amended to incorporate the allowable subject matter of claim 37 and intervening claim 36.

Claim 38 has been amended to incorporate the allowable subject matter of claim 50 and intervening claim 49.

**Conclusion**

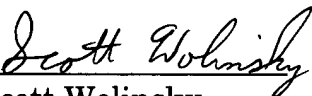
If the Examiner believes that any additional minor formal matters need to be addressed in order to place this application in condition for allowance, or that a telephone interview will help to materially advance the prosecution of this application, the Examiner is invited to contact the undersigned by telephone at the Examiner's convenience.

**Applicant:** Ozluturk et al.  
**Application No.:** 10/713,613

In view of the foregoing amendment and remarks, Applicants respectfully submit that the present application, including claims 1, 25 and 38, is in condition for allowance and a notice to that effect is respectfully requested.

Respectfully submitted,

Ozluturk et al.

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